

IN THE CLAIMS

1. (previously presented) A device for controlling the specific absorption rate of mass-produced radiant objects, comprising a test zone comprising at least one sensor for measuring a power radiated by an object situated at the level of said test zone and at least one processing unit which analyzes the power thus measured, the sensor comprising a waveguide exhibiting an opening disposed opposite the test zone and at least one measurement probe disposed inside said waveguide.

2. (original) The device as claimed in claim 1, characterized in that it comprises means for conveying the objects up to the test zone.

3. (previously presented) The device of claim 1 wherein the sensor further comprises a phantom in a material having dielectric properties similar to those of biological tissues, and in which the waveguide is immersed.

4. (previously presented) The device of claim 3 wherein the phantom is of cylindrical shape or more complex shape.

5. (previously presented) The device of claim 1 wherein the waveguide is of rectangular cross-section or circular cross-section or more complex cross section.

6. (previously presented) The device of claim 1 wherein the waveguide is a horn.

7. (previously presented) The device of claim 1 further comprising at least two orthogonal probes which run inside the waveguide.

8. (previously presented) The device as claimed in claim 7, wherein the waveguide comprises two pairs of orthogonal probes for deviometric processing.

9. (previously presented) The device as claimed in claim 8, wherein the two pairs of probes are linked to a deviometry means.

10. (previously presented) The device as claimed in claim 9, wherein the processing unit instructs the displaying on a screen of a curve wherein the amplitude and the extent are dependent on the radiated power measured and wherein a position is dependent on the deviometry measurements.

11. (previously presented) The device as claimed in claim 1 further comprising an array of sensors exhibiting various orientations.

12. (previously presented) The device as claimed in claim 1 wherein the radiant objects are cellular communication terminals, and further comprising, upstream of the test zone, a base station simulator.

13. (previously presented) The device as claimed in claim 1 further comprising upstream of the at least one sensor guiding means able to impose a certain positioning on the radiant objects.

14. (currently amended) The device as claimed in claim 1, ~~further comprising a~~ wherein the processing unit ~~that~~ stores matches between values of integrated specific absorption rates and values of electrical powers, these matches being determined beforehand by calibration.

15. (previously presented) The device as claimed in claim 1 wherein the device further comprises a shielded and anechoic container containing a sensor or an array of waveguide sensors and measurement probes.